



US Application No.: 09/936,465  
Attorney Docket No. 12075US04  
Inventor: HOMAIRA NASEEM

FILED  
AUG 05 2003  
TC 1700

**ABSTRACT**

A melt-processible composition for molding closures for beverage containers has improved gas barrier properties. The composition comprises: (a) a thermoplastic base polymeric material; and (b) a quantity of layered magnesium aluminum silicate clay having platelets with a diameter of approximately 1 micron. A melt-processible composition for molding sealant layers for beverage containers also has improved gas barrier properties. The composition comprises: (a) a thermoplastic base polymeric material; and (b) a quantity of layered magnesium aluminum silicate clay having platelets with a diameter of approximately 1 micron.